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(54) INORGANIC FILM-FORMING COATING AGENT, METHOD FOR FORMING INORGANIC FILM USING THE SAME, AND INORGANIC FILM-COATED ALUMINUM MATERIAL AND INORGANIC FILM-COATED STEEL MATERIAL EACH OBTAINED USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an inorganic film-forming coating agent capable of forming inorganic film with high corrosionproofness to metal in particular.

SOLUTION: This inorganic film-forming coating agent is characterized by being obtained by reaction between (A) at least one fluoride selected from silicofluoric acid, titanofluoric acid and zirconofluoric acid and (B) at least one hydrolyzable monomer and/or oligocondensate selected from silicon monomer, titanium monomer and zirconium monomer each wholly substituted with hydrolyzable groups.